

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 August 2005 (11.08.2005)

PCT

(10) International Publication Number
WO 2005/073616 A1

(51) International Patent Classification⁷: **F21L 4/00**

(21) International Application Number: PCT/KR2005/000273

(22) International Filing Date: 29 January 2005 (29.01.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0006282 30 January 2004 (30.01.2004) KR
20-2004-0002262 30 January 2004 (30.01.2004) KR

(71) Applicant and
(72) Inventor: OH, Young-Jik [KR/KR]; 301 Na-Dong Deoksan-bilra, 92-5 Gayang-Dong, Dong-Gu, Daejeon-City 300-802 (KR).

(72) Inventors; and
(75) Inventors/Applicants (for US only): JUN, Byung-Hoon

[KR/KR]; 101-1009 Seonho-Apartment, 152-1 Seonhwa-Dong, Jung-Gu, Daejeon-City 301-824 (KR). KWON, Jae-Kyu [KR/KR]; 508 Pureun-Apartment, 404-2 Galma2-Dong Seo-Gu, Daejeon-City 302-172 (KR).

(74) Agents: KWON, Oh-Sig et al.; 401, Jooeun Leaderstel, 921 Dunsan-Dong, Seo-Gu, Daejeon-City 302-828 (KR).

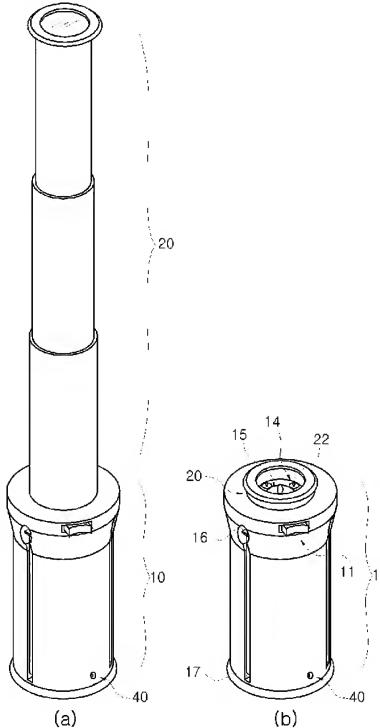
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: A MULTI-FUNCTIONAL TRAFFIC SIGNAL STICK

(57) Abstract: Disclosed herein is a multi-functional traffic signal stick, which has a red signal LED part for providing a signal stick function and a white signal LED part for providing a flash light function, and which a police officer carries on the road. The multi-functional traffic signal stick can be carried conveniently as a flash light by telescoping each joint of a length-adjustable flashing tube manufactured in an antenna type into a larger tube, and used as a signal stick, which is well seen from a far distance, by stretching each joint of the length-adjustable flashing tube like an antenna. In addition, the present invention can serve to inform danger or accidents when being mounted uprightly on the road or a proper place such that three supporting rods mounted on a grip part at regular intervals are unfolded to support the signal stick.



WO 2005/073616 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.